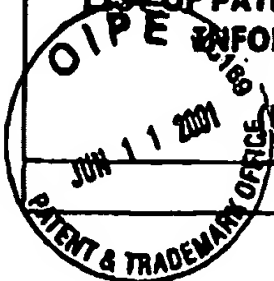


FORM PTO-1449

ATTY. DOC. NO.
30727.0013.CIP1SERIAL NO.
09/518,501LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENTAPPLICANT:
METABASIS THERAPEUTICS, INC.FILING DATE:
March 5, 1999GROUP:
1614

(Use several sheets if necessary)

#7



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
✓	AA	3,018,302	01.23.62	Bielefeld, et al.			
	AB	5,157,027	10/20 92	Biller, et al.			
✓	AC	5,658,889	8/19/97	Gruber, et al.			

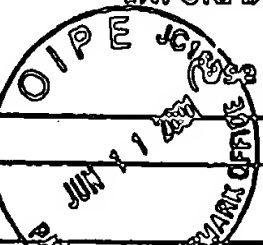
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
✓	AD	0 002 062 A	30.05.79	EP (Abstract)				
	AE	0 072 531 A	23.02.83	EP (Abstract)				
	AF	0 158 057 A	16.10.85	EP (Abstract)				
	AG	0 180 276	28.12.88	EP				
	AH	0 261 283	22.09.86	EP				
	AI	0 161 955 A	21.11.85	EPO				
	AJ	0 338 372 A	25.10.89	EPO				
	AK	0 353 692 A	07.02.90	EPO				
	AL	0 481 214 A	22.04.92	EPO				
✓	AM	492 738 A	30.06.70	CH				
	AN	16 93 219 A	17.09.70	DE (Abstract)				

EXAMINER:

DATE CONSIDERED:

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FOREIGN PATENT DOCUMENTS

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						YES	NO
AO	35 12 781 A1	10.04.85	DE (and English language U.S. Patent No. 4,952,740)				
AP	96/01267 A	18.01.96	WO				
AQ	97/03679 A	06.02.97	WO				
AR	98/09668 A	12.03.98	WO				
AS	98/39342	11.09.98	WO				
AT	98/39343	11.09.98	WO				
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AV	"Patent Abstracts of Japan," Vol. 1998, No. 1, 30 January 1998 & JP 09 241284 A (Yamishata Koji; Nippon Soda Co. Ltd), 16 September 1997
AW	DeLombaert, et al., "N-Phosphonomethyl Dipeptides and Their Phosphonate Prodrugs, a New Generation of Neutral Endoproteptidase (NEP, EC 3.4.24.11) Inhibitors, <u>J. Med. Chem.</u> 37: 498-511 (1994)
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AZ	Farquhar, et al., "Biologically Reversible Phosphate-Protective Groups," <u>J. Pharm. Sci.</u> 72(3): 324 (1983)

all duplicates

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
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METABASIS THERAPEUTICS, INC.

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1614

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BA	Farquhar, et al., "Synthesis and Biological Evaluation of 9-[5'-(2-Oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-Oxo-1,3,2-dioxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential Neutral Precursors of 9-[β-D-Arabinofuranosyl]adenine 5'-Monophosphate," <u>J. Med. Chem.</u> 28: 1358-1361 (1985)
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30727.0013.CIP1

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09/518,501

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

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APPLICANT:

METABASIS THERAPEUTICS, INC.

FILING DATE:

March 5, 1999

GROUP:

1614

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

BL	Nifant'ev, et al., "1,3,2, - Diazaphodsporinanes", <u>Zh. Obshch. Khim.</u> , Vol. 49, No. 1, 1979, Pages 64-74 (and English version as translated in corresponding English language publication)
BM	Nifant'ev, et al., "Synthesis and Structure of Some Stable Phospholane-Phospholanes," <u>Phos. Sulfur & Silicon</u> 113, 1-13 (1996)
BN	Predvoditelev D., et al., "Glycero-2-hydroxymethylene phosphates" <u>Journal of Organic Chemistry of the USSR (English Translation</u> 13:1489-1492 (1977))
BO	Predvoditelev, D. et al., "Synthesis of lipids and their models on the basis of glycerol alkylene phosphites. V. Cyclic phosphatidylglycerol and phosphatidylhydroxyhomocholine" <u>Journal of Organic Chemistry of the USSR (English Translation</u> 17:1156-1165 (1981)
BP	Shaw & Cundy, "Biological Screens of PMEA Prodrugs," <u>Pharm. Res.</u> 10 (Suppl) S24 (1993)
BQ	Shih, et al., "Preparation and Structures of 2-Dimethylamino-4-phenyl-1,3,2-dioxaphosphorinane-2-oxides," <u>Bull. Inst. Chem. Acad. Sin.</u> 41: 9-16 (1994)
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BS	Yamanaka, et al., "Metabolic Studies on BMS-200475, a New Antiviral Compound Active against Hepatitis B Virus," <u>Antimicrob. Agents Chemoth.</u> 43, 190-193 (1999)
BT	Zon, et al., "4 Cyclophosphamide Analogues," <u>Prog. Med. Chem.</u> 19: 205-246 (1982)

All duplicates

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

2

Application Number 02/318,501
Filing Date March 3, 2000
First Named Inventor Erlon
Group Art Unit 1624
Examiner Name T. McKenzie
Attorney Docket Number 030727.0013.CIP1

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T ³
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
✓	AA	Coppi, et al., "Lewis Acid Mediated Condensation of Alkenols and Aldehydes. A Selective Synthesis of Tetrahydropyrans and Oxepanes," J. Org. Chem., Vol. 53, No. 4, 911-913 (1988)	
✓	AB	Lohr et al., "Targeted chemotherapy by intratumor injection of encapsulated cells engineered to produce CYP2B1, and ifosfamide activating cytochrome P450," Gene Therapy, 5, 1070-1078 (1988).	
✓	AC	Bijsterbosch, et al., "Disposition of the Acyclic Nucleoside Phosphonate (S)-9-(3-Hydroxy-2-Phosphonylmethoxypropyl)Adenine," Antimicrobial Agents and Chemotherapy, Vol. 42, p. 1146-1150 (May 1998).	
✓	AD	de Waziers, et al., "Cytochrome P 450 Isoenzymes, Epoxide Hydrolase and Glutathione Transferases in Rat and Human Hepatic and Extrahepatic Tissues ¹ ," The Journal of Pharmacology and Experimental Therapeutics, Vol. 253, No.1, p. 387-394 (1989).	

Examiner Signature

Date Considered

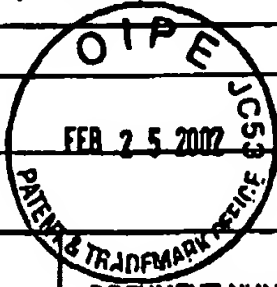
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² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language translation is attached.

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT <i>#11</i> (Use several sheets if necessary)		APPLICANT: METABASIS THERAPEUTICS, INC.	
		FILING DATE: March 5, 1999	GROUP: 1



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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>TUM</i>	AA	3,018,302	01/23/62	Bielefeld, et al.	260	46	—
<i>TUM</i>	AB	5,157,027	10/20/92	Biller, et al.	514	167	—
<i>TUM</i>	AC	5,658,889	8/19/97	Gruber, et al.	514	43	—

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
<i>TUM</i>	AD	0 002 062 A1	30.05.79	EP (and English language Abstract)				
<i>TUM</i>	AE	0 072 531 A1	23.02.83	EP (and English language Abstract)				
<i>TUM</i>	AF	0 158 057 A	16.10.85	EP (U.K. English language translation)				
	AG	0 180 276 A1	28.12.88	EP				
	AH	0 261 283 A1	22.09.86	EP				
	AI	0 161 955 A1	21.11.85	EPO				
	AJ	0 338 372 A2	25.10.89	EPO				
	AK	0 353 692 A2	07.02.90	EPO				
	AL	0 481 214 B1	22.04.92	EPO				
	AM	492 738	30.06.70	CH (and English language Abstract)				
<i>✓</i>	AN	987,378	17.09.70	UK				

EXAMINER: <i>James M. Chis</i>	DATE CONSIDERED: <i>7/8/02</i>
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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT: METABASIS THERAPEUTICS, INC.	
(Use several sheets if necessary)	FILING DATE: March 5, 1999	GROUP: 1814

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	TRANSLATION YES
<i>mu</i>	AO	35 12 781 A1	10.04.85	DE (and English language U.S. Patent No. 4,952,740)			
	AP	96/01267	18.01.96	WO			
	AQ	97/03679	06.02.97	WO			
	AR	98/09668	12.03.98	WO			
	AS	98/39342	11.09.98	WO			
	AT	98/39343	11.09.98	WO			
<i>V</i>	AU	98/39344	11.09.98	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
<i>mu</i>	AV	"Patent Abstracts of Japan," Vol. 1998, No. 1, 30 January 1998 & JP 09241284 A (Yamishata Koji, et al.; Nippon Soda Co. Ltd), 16 September 1997
	AW	DeLombaert, et al., "N-Phosphonomethyl Dipeptides and Their Phosphonate Prodrugs, a New Generation of Neutral Endoprptidase (NEP, EC 3.4.24.11) Inhibitors, <u>J. Med. Chem.</u> 37: 498-511 (1994)
	AX	Edmunson, et al., "Cyclic Organophosphorus Compounds. Part 23. Configurational Assignments in the 4-Phenyl-1,3,2λ5-dioxaphosphorinane Series. X-Ray Molecular Structure of <i>cis</i> -2-Benzylamino-4-phenyl-1,3,2-dioxaphosphorinane 2-Oxide," <u>J. Chem. Res. Synop.</u> , 5: 122-123 (1989)
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<i>V</i>	AZ	Farquhar, et al., "Biologically Reversible Phosphate-Protective Groups," <u>J. Pharm. Sci.</u> 72(3): 324-325 (1983)

EXAMINER: <i>James M. Mc...</i>	DATE CONSIDERED: 7/9/02
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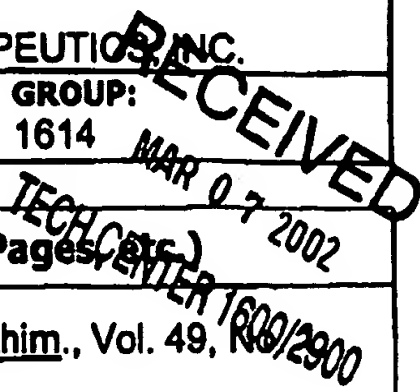
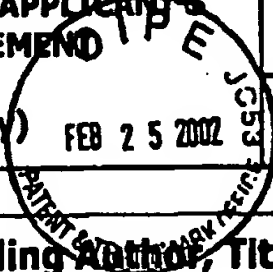


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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc)		
CM	BA	Farquhar, et al., "Synthesis and Biological Evaluation of 9-[5'-(2-Oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-Oxo-1,3,2-dioxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential Neutral Precursors of 9-[β-D-Arabinofuranosyl]adenine 5'-Monophosphate," <u>J. Med. Chem.</u> 28: 1358-1361 (1985)
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EXAMINER: Examiner	DATE CONSIDERED:
<i>Thomas C. M. J.</i>	7/9/02
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

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BL	Nifant'ev, et al., "1,3,2, - Diazaphodsporinanes", <u>Zh. Obshch. Khim.</u> , Vol. 49, No. 1, 1979, Pages 53-61.	
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BT	Zon, et al., "4 Cyclophosphamide Analogues," <u>Prog. Med. Chem.</u> 19: 205-246 (1982)	

EXAMINER: Examiner <i>[Signature]</i>	DATE CONSIDERED: 7/9/02
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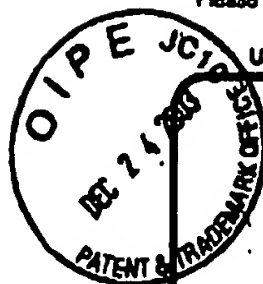
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Sheet 1 of 1

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Application Number	08/518,501
Filing Date	March 3, 2000
First Named Inventor	Erion et al.
Group Art Unit	1624
Examiner Name	T. McKenzie
Attorney Docket Number	45188.00013.RCE

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number ²	Kind Code ³ (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T ⁴
		Office ⁵	Number ²	Kind Code ³ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
a		FARQUHAR et al., "Synthesis and Antitumor Evaluation of Bis[pivaloyloxy)methyl] 2'-Deoxy-5-fluorouridine 5'-Monophosphate (FdUMP): A Strategy to Introduce Nucleotides into Cells," <u>J. Med. Chem.</u> , 37:3902-3909 (1994).	
a		LEFEBVRE, et al., Mononucleotide Phosphotriester Derivatives with S-Acyl-2-thioethyl Bioreversible Phosphate-Protecting Groups: Intracellular Delivery of 3'-Azido-2',3'-dideoxythymidine 5'-Monophosphate," <u>J. Med. Chem.</u> , 38:3941-3950 (1995).	

Examiner
Signature

Date
Considered

4/16/04

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if known

Application Number	09/518,501
Filing Date	March 3, 2000
First Named Inventor	Erlon et al.
Group Art Unit	1624
Examiner Name	T. McKenzie
Attorney Docket Number	032465.00013.RCE (CIP1)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Appar
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Appar	T ³
		Office ⁴	Number ⁵	Kind Code ² (if known)				

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, book, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
		Beaucage and Iyer, "The Synthesis of Modified Oligonucleotides by the Phosphoramidite Approach and Their Applications," <u>Tetrahedron</u> , 49(28):6123-6194 (1993).	
		Borch and Millard, "The Mechanism of Activation of 4-Hydroxycyclophosphamide," <u>J. Med. Chem.</u> , 30:427-431 (1987).	
		Cooper et al., "Use of Carbohydrate Derivatives for Studies of Phosphorus Stereo-chemistry. Part II. Synthesis and Configurational Assignments of 1,3,2-Oxathiaphosphorinan-2-ones and 1,3,2-Dioxaphosphorinan-2-thiones," <u>J. Chem. Soc., Perkin Trans. 1</u> , (10):1049-1052 (1974).	
		De Clercq et al., "A Novel Selective Broad-spectrum Anti-DNA Virus Agent," <u>Nature</u> , 323:464-467 (1986).	
		Farquhar et al., "Synthesis and Antitumor Evaluation of Bis[(pivaloyloxy)methyl] 2'-Deoxy-5-fluorouridine 5'-Monophosphate (FdUMP): A Strategy to Introduce Nucleotides into Cells," <u>J. Med. Chem.</u> , 37:3902-3909 (1994).	

Examiner Signature

Date Considered

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Sheet 2 of 3

Complete If Known

Application Number 09/518,501
Filing Date March 3, 2000
First Named Inventor Erlan et al.
Group Art Unit 1824
Examiner Name T. McKenzie
Attorney Docket Number 032485.00013.RCE (CIP1)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), date of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
K		Friis and Bundgaard, "Prodrugs of Phosphates and Phosphonates: Novel Lipophilic α -acyloxyalkyl Ester Derivatives of Phosphate- or Phosphonate Containing Drugs Masking the Negative Charges of these Groups," <u>Euro. J. Pharm. Sci.</u> , 4:49-59 (1996).	
		Harada et al., "Resolution of 1,3-alkanediols Via Chiral Spiroketal Derived from 1-Menthone," <u>Tetrahedron</u> , 28(41):4843-4846 (1987).	
		Khorana et al., "Cyclic Phosphates. III. Some General Observations on the Formation and Properties of Five-, Six- and Seven-membered Cyclic Phosphate Esters," <u>JACS</u> , 79:430-436 (1957).	
		Korba et al., "Liver-targeted Antiviral Nucleosides: Enhanced Antiviral Activity of Phosphatidyl-dideoxyguanosine Versus Dideoxyguanosine in Woodchuck Hepatitis Virus Infection <i>In Vivo</i> ," <u>Hepatology</u> , 23(5):958-963 (1996).	
		Lefebvre et al., "Mononucleoside Phosphotriester Derivatives with S-acyl-2-thioethyl Bioreversible Phosphate-protecting Groups: Intracellular Delivery of 3'azido-2',3'dideoxythymidine 5'-monophosphate," <u>J. Med. Chem.</u> , 38:3941-3950 (1995).	
		Ludeman et al., "Synthesis and Antitumor Activity of Cyclophosphamide Analogues. 4. Preparation, Kinetic Studies, and Anticancer Screening of "Phenylketophosphamide" and Similar Compounds Related to the Cyclophosphamide Metabolite Aldophosphamide," <u>J. Med. Chem.</u> , 29:716-727 (1986).	
		McGuigan et al., "Intracellular Delivery of Bioactive AZT Nucleotides by Aryl Phosphate Derivatives of AZT," <u>J. Med. Chem.</u> , 36:1048-1052 (1993).	
		Mosbo and Verkade, "Dipole Moment, Nuclear Magnetic Resonance, and Infrared Studies of Phosphorus Configurations and Equilibria in 2-R-2-Oxo-1,3,2-dioxaphosphorinanes," <u>J. Org. Chem.</u> , 42(9):1549-1555 (1977).	
		Nakayama and Thompson, "A Highly Enantioselective Synthesis of Phosphate Triesters," <u>J. Am. Chem. Soc.</u> , 112:6936-3942 (1990).	
		Ramachandran et al., "Efficient General Synthesis of 1,2- and 1,3-diols in High Enantiomeric Excess via the Intramolecular Asymmetric Reduction of the Corresponding Ketoalkyl Diisopinocampheylborinate Intermediates," <u>Tetrahedron</u> , 38(3):761-764 (1997).	

Examiner Signature

Date Considered

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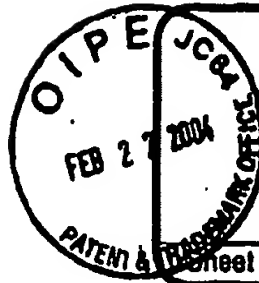
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	09/518,501
Filing Date	March 3, 2000
First Named Inventor	Erion et al.
Group Art Unit	1624
Examiner Name	T. McKenzie
Attorney Docket Number	032465.00013.RCE (CIP1)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
JK		Starrett, Jr. et al., "Synthesis, Oral Bioavailability Determination, and <i>in Vitro</i> Evaluation of Prodrugs of the Antiviral Agent 9-[2-(Phosphonomethoxy)ethyl]adenine (PMEA)," <u>J. Med. Chem.</u> , 37:1857-1864 (1994).	
		Thomson et al., "Synthesis, Bioactivation and Anti-HIV Activity of the Bis(4-acyloxybenzyl) and Mono(4-acyloxybenzyl) Esters of the 5'-monophosphate of AZT," <u>J. Chem. Soc., Perk. Trans. 1</u> , (11):1239-1245 (1993).	
		Weber and Waxman, "Activation of the Anti-cancer Drug Ifosfamide by Rat Liver Microsomal P450 Enzymes," <u>Biochem. Pharm.</u> , 45(8):1685-1694 (1993).	
		Zon et al., "NMR Spectroscopic Studies of Intermediary Metabolites of Cyclophosphamide. A Comprehensive Kinetic Analysis of the Interconversion of <i>cis</i> - and <i>trans</i> -4-Hydroxycyclophosphamide with Aldophosphamide and Concomitant Partitioning of Aldophosphamide Between Irreversible Fragmentation and Reversible Conjugation Pathways," <u>J. Med. Chem.</u> 27:466-485 (1984).	

Examiner
Signature

T. McKenzie

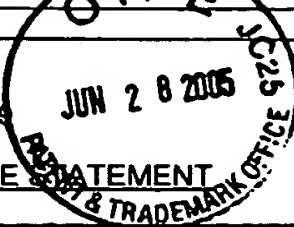
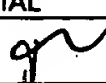
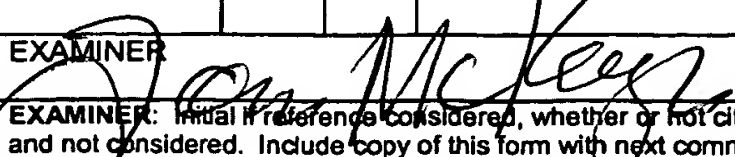
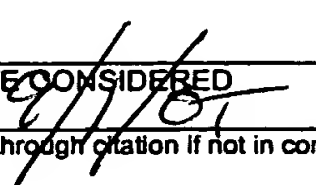
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Page 1 of 3						
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	<div style="text-align: center;">  </div> ATTY. DOCKET NO. 2358.0010002/RWE/CJW APPLICATION NO. 09/518,501 FIRST NAMED INVENTOR Erion <i>et al.</i> FILING DATE March 3, 2000 ART UNIT 1624					
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
 AA1 AB1 AC1 AD1 AE1 AF1 AG1 AH1 AI1 AJ1 AK1	3,404,178	10/01/1968	Roy, C.H.			10/07/1965
	4,621,077	11/04/1986	Rosini <i>et al.</i>			06/08/1984
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	4,724,233	02/09/1988	De Clercq <i>et al.</i>			04/21/1986
	4,777,163	10/11/1988	Bosies <i>et al.</i>			07/24/1987
	4,808,716	02/28/1989	Holy <i>et al.</i>			04/25/1986
	4,861,759	08/29/1989	Mitsuya <i>et al.</i>			08/11/1987
	4,879,277	11/07/1989	Mitsuya <i>et al.</i>			08/11/1987
	4,882,142	11/21/1989	Simon <i>et al.</i>			12/19/1988
FOREIGN PATENT DOCUMENTS						
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AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
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EXAMINER 				DATE CONSIDERED 		
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FORM PTO-14

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2358.0010002/RWE/CJWAPPLICATION NO.
09/518,501FIRST NAMED INVENTOR
Erion *et al.*FILING DATE
March 3, 2000ART UNIT
1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Jr	AA2	4,898,724	02/06/1990	Simon <i>et al.</i>			05/14/1987
	AB2	4,939,130	07/03/1990	Jaeggi <i>et al.</i>			02/27/1989
	AC2	5,034,394	07/23/1991	Daluge			12/22/1989
	AD2	5,047,533	09/10/1991	Reist <i>et al.</i>			01/22/1990
	AE2	5,089,500	02/18/1992	Daluge			05/08/1991
	AF2	5,153,183	10/06/1992	Kawabe <i>et al.</i>			05/06/1991
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	AH2	5,240,946	08/31/1993	Kinney <i>et al.</i>			04/29/1992
	AI2	5,246,937	09/21/1993	Harnden <i>et al.</i>			01/22/1992
	AJ2	5,366,965	11/22/1994	Strein			01/29/1993
	AK2	5,480,875	01/02/1996	Isomura <i>et al.</i>			371 Date: 12/21/1994

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

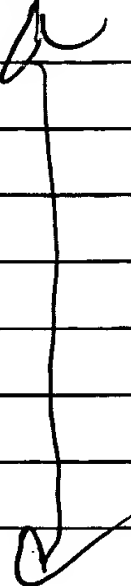
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Page 3 of 3	
<p style="text-align: center;">O I P E</p> <p style="text-align: center;">JUN 28 2005</p> <p style="text-align: center;">FORM PTO-1449</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT</p>	<p>ATTY. DOCKET NO. 2358.0010002/RWE/CJW</p> <p>APPLICATION NO. 09/518,501</p> <p>FIRST NAMED INVENTOR Erion <i>et al.</i></p> <p>FILING DATE March 3, 2000</p> <p>ART UNIT 1624</p>

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	5,532,225	07/02/1996	Reist <i>et al.</i>			07/31/1992
	AB3	5,583,122	12/10/1996	Benedict <i>et al.</i>			12/06/1985
	AC3	5,663,159	09/02/1997	Starrett, Jr. <i>et al.</i>			10/11/1994
	AD3	5,681,590	10/28/1997	Bechard <i>et al.</i>			371 Date: 07/26/1995
	AE3	5,721,219	02/24/1998	Ingall <i>et al.</i>			08/09/1995
	AF3	5,814,639	09/29/1998	Liotta <i>et al.</i>			02/16/1993
	AG3	5,840,716	11/24/1998	Ubasawa <i>et al.</i>			01/17/1997
	AH3	5,869,467	02/09/1999	Holy <i>et al.</i>			03/28/1995
	AI3	5,914,331	06/22/1999	Liotta <i>et al.</i>			06/07/1995
	AJ						
AK							

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AN						Yes No
	AO						Yes No
	AP						Yes No

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